

ABSTRACT OF THE DISCLOSURE

METHOD, SYSTEM, AND PROGRAM FOR A PLATFORM-INDEPENDENT,
BROWSER-BASED, CLIENT-SIDE, TEST AUTOMATION FACILITY FOR
5 VERIFYING WEB SITE OPERATION

A test automation facility for a data processing
system is presented which relies on a browser application
as a host environment. The browser application has
10 built-in scripting language interpretation functionality
and markup language interpretation functionality for
parsing and processing script files and markup language
documents with embedded scripts. An initial file is
loaded into the browser application window to create
15 separate frames within the window, and the separate
frames are used by the test automation facility for a
variety of purposes. One of the frames contains a test
automation facility interface with test case logic for
verifying content, data, documents, or files received
20 from a server, whereas another frame is used to present
the received data to the user. Another frame can be used
as a message logging window.

FOUO-25099400